Serial No.: New - PCT/ JP2005/000770 Nat'l Phase

Filed: Herewith

The following Listing of Claims will replace all prior versions, and listings, of claims in the application.

## **LISTING OF CLAIMS:**

1. (Currently Amended) A swing compressor comprising:

a cylinder (6) which defines defining a cylinder chamber (8);

a piston (4) composed of including a generally cylindrical-shaped roller (2) which orbitally revolves along an inner surface of the cylinder chamber (8) and a blade (3) which is integrally formed integrally with the roller (2) and which that is swingably held by the cylinder, (6) the roller having an inner circumferential sliding surface with a large-width portion configured to receive a heavy load and a small-width portion that is smaller in width than the large-width portion and is configured to receive a light load; and

a drive shaft (1) having an eccentric portion (5) which that is slidably fitted to an the inner circumferential sliding surface (14) of the roller (2), wherein

the piston (4) devides dividing a space inside of the cylinder (6) into a suction chamber (12) and a compression chamber (13) and performs performing a swing motion by rotation of the drive shaft. (1), and wherein

the inner circumferential sliding surface (14) of the roller (2) includes

a large width portion (15) which receives a heavy load; and

a small-width portion (16) which is smaller in width than the large width portion (15)

and which receives a light load.

Serial No.: New - PCT/ JP2005/000770 Nat'l Phase

Filed: Herewith

2. (Currently Amended) The swing compressor as claimed in Claim 1, wherein

assuming that a reference line (O) is given by an intersecting line between the cylinder has a reference line contained in a longitudinally extending center plane (P) passing through a center of the blade (3) and parallel to the blade (3) and lying on the inner circumferential sliding surface (14) of the roller (2), and

the small-width portion (16) is formed over a range extending between from a line (A) obtained by a point located 30° displacement of from the reference line (O) to a line (B) obtained by and a point located 180° displacement of from the reference line (O) in a rotational direction of the drive shaft (1) in the inner circumferential sliding surface (14).

3. (Currently Amended) The swing compressor as claimed in Claim 1, wherein

the small-width portion (16) is provided on one side with respect to a <u>longitudinally</u> extending center plane (P) passing through a center of the blade (3) and parallel to of the blade (3), the one side including cylinder includes a suction port (11) which is provided in the cylinder (6) and which that communicates with the suction chamber (12) along the one side.

4. (Currently Amended) The swing compressor as claimed in Claim 1, wherein

the piston (4) is placed so as to orbitally revolve revolves along a horizontal plane, and

Serial No.: New - PCT/ JP2005/000770 Nat'l Phase

Filed: Herewith

an upper edge of the small-width portion (16) is located lower than an upper edge of the large-width portion (15).

5. (Currently Amended) The swing compressor as claimed in Claim 1, wherein

the drive shaft (1) is so placed as to be inclined with respect to a horizontal plane of the swing compressor, and

an upper edge of the small-width portion (16) is located lower than an upper edge of the large-width portion (15) with respect to a direction of the drive shaft (1).

(Currently Amended) The swing compressor as claimed in Claim claim 5,
 wherein

the drive shaft (1) is placed along a vertical direction of the swing compressor.

7. (Currently Amended) The swing compressor as claimed in Claim 1, wherein

the piston (4) is formed of a sintered material.